

COIL STOCK STRESS RELIEF

ABSTRACT OF THE DISCLOSURE

A process of, and apparatus for, the feeding of elongated strips of magnetic core stock material to successive stations of a multi-station die assembly for forming successive lamination blanks into individual magnetic core lamina ~~is disclosed~~. To properly align the material with the corresponding dies, relative motion between each pair of successive lamination blanks is facilitated while those blanks are still joined. This relative motion is provided by significantly weakening the material in the region between two successive lamination blanks. In the illustrated preferred embodiment, the provision for relative motion includes removing the majority of the material interconnecting two adjacent lamination blanks without separating the individual lamination blanks from one another by use of an additional punch and die at the initial station for partially severing the strip between adjacent lamination blanks.